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Titolo	Fundamentals of Java Programming / / by Mitsunori Ogihara
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ISBN	3-319-89491-9
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XVII, 515 p. 635 illus., 611 illus. in color.)
Disciplina	005.133
Soggetti	Java (Computer program language) Programming languages (Electronic computers) Computer programming Java Programming Languages, Compilers, Interpreters Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1 Java and the Java Virtual Machine -- 2 Our First Programs -- 3 Using Data for Computation -- 4 Reading Keyboard Input -- 5 Decomposing Code into Components -- 6 Passing Values to and from Methods -- 7 For-Loops -- 8 Using Conditions to Control the Flow -- 9 Formatted Printing using printf -- 10 String Methods for Text Processing -- 11 Branching Using Switch Segments -- 12 While and Do-while Loops -- 13 Arrays -- 14 Class Arrays, Resizing Arrays, and Arrays with Capacity -- 15 Multidimensional Arrays -- 16 Class File -- 17 Designing Object Classes -- 18 Interfaces, Subclasses, Inheritance, and Polymorphism -- 19 Cumulative Algorithms -- 20 Recursive Algorithms. .
Sommario/riassunto	Making extensive use of examples, this textbook on Java programming teaches the fundamental skills for getting started in a command-line environment. Meant to be used for a one-semester course to build solid foundations in Java, Fundamentals of Java Programming eschews second-semester content to concentrate on over 180 code examples and 250 exercises. Key object classes (String, Scanner, PrintStream, Arrays, and File) are included to get started in Java programming. The programs are explained with almost line-by-line descriptions, also with

chapter-by-chapter coding exercises. Teaching resources include solutions to the exercises, as well as digital lecture slides.
